Index of Claims

| Application/Control N | lo. |
|-----------------------|-----|
|-----------------------|-----|

09/981,328

Examiner

Asghar Bilgrami

Applicant(s)/Patent under Reexamination

LANGO ET AL.

Art Unit

2143

| <b>√</b> | Rejected |
|----------|----------|
| _        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| + | Interference |

| 4 | Appeal   |
|---|----------|
| 0 | Objected |

| <u> </u> |                                              |          |              |                                                  | 200          |          |                |              |                                                  |                          |
|----------|----------------------------------------------|----------|--------------|--------------------------------------------------|--------------|----------|----------------|--------------|--------------------------------------------------|--------------------------|
| Cla      | Claim Date                                   |          |              |                                                  |              |          |                |              |                                                  |                          |
| Final    | Original                                     |          |              |                                                  |              |          |                |              |                                                  |                          |
|          | 1<br>2<br>3<br>4<br>5                        | V        | 1            | Г                                                |              |          |                |              |                                                  | П                        |
| 4        | 2                                            | П        |              |                                                  |              |          |                |              |                                                  | П                        |
| 1        | 3                                            | П        |              |                                                  |              |          |                |              |                                                  |                          |
| 1        | 4                                            | Ħ        |              |                                                  |              |          |                | 1            | <u> </u>                                         | Н                        |
| +        | 5                                            | H        | 1            | <del>                                     </del> |              | <u> </u> | -              | i –          |                                                  | Н                        |
| +        | 6                                            | H        | 1            | $\vdash$                                         | $\vdash$     | $\vdash$ | $\vdash$       | $\vdash$     |                                                  | Н                        |
| +-       | 6<br>7                                       | H        | $\vdash$     | $\vdash$                                         | $\vdash$     | $\vdash$ | $\vdash$       |              | $\vdash$                                         | Н                        |
| +        | 8                                            | Н        | $\vdash$     | -                                                | ┢            |          | $\vdash$       | ┢            | $\vdash$                                         | Н                        |
|          | 9                                            | H        | -            | -                                                | -            | -        |                | -            | -                                                | Н                        |
| +-       | 10                                           | +        | ╁            | ┢                                                |              | -        | $\vdash$       | ┢            | ┝                                                | $\vdash$                 |
| $\vdash$ | 11                                           | ₩        | -            | ├                                                | ├            | ┢╌       |                | -            | ┢                                                | Н                        |
| +        | 12                                           | ╢        | +            | <del>                                     </del> | ├            | ├        |                | $\vdash$     | <del>                                     </del> | Н                        |
| <b>-</b> | 12                                           | ₩        | <del> </del> | $\vdash$                                         | ├-           |          | <del> </del> — | $\vdash$     | <u> </u>                                         | $\vdash$                 |
| -        | 13                                           | ₩        | $\vdash$     | -                                                | $\vdash$     | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$                                         | Н                        |
| -        | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | ₩        | $\vdash$     | $\vdash$                                         | $\vdash$     | $\vdash$ | ├-             | $\vdash$     | $\vdash$                                         | Н                        |
| +        | 15                                           | #        | ├            |                                                  | <u> </u>     | _        |                |              | ├—                                               | Н                        |
| <b>.</b> | 16                                           | Ш        | $\vdash$     |                                                  | ⊢            | _        | <u> </u>       | $\vdash$     | _                                                | Н                        |
| 1        | 1/                                           | Ш        | <u> </u>     | <u> </u>                                         | <u> </u>     | <u> </u> | <u> </u>       | <u> </u>     | _                                                | Ш                        |
| —        | 18                                           | Ш        |              | _                                                | _            |          |                | _            |                                                  | Ш                        |
| _        | 19                                           | Ш        |              |                                                  | _            | <u> </u> |                | _            |                                                  | Ш                        |
|          | 20                                           | U        |              | L.                                               | _            | <u> </u> |                |              |                                                  | Ш                        |
| $\times$ | 21.                                          | 1        |              |                                                  |              |          |                |              |                                                  | Ш                        |
|          | 22<br>23<br>24                               | _        |              |                                                  | L            |          |                |              |                                                  | Ш                        |
|          | 23                                           | L        | <u>L</u>     |                                                  |              |          | <u> </u>       |              |                                                  |                          |
|          | 24                                           |          |              |                                                  |              |          |                |              |                                                  |                          |
|          | 25                                           |          |              |                                                  |              |          |                |              |                                                  |                          |
|          | 26                                           |          |              |                                                  |              |          |                |              |                                                  | İΠ                       |
|          | 27                                           |          |              |                                                  |              |          |                |              |                                                  |                          |
|          | 28<br>29                                     |          | П            |                                                  |              |          |                |              |                                                  |                          |
|          | 29                                           | Г        | Π            |                                                  |              |          |                |              |                                                  |                          |
|          | 30                                           | П        | Π            |                                                  |              |          |                |              |                                                  |                          |
|          | 31                                           | Г        | П            |                                                  | Г            |          |                |              |                                                  | П                        |
|          | 32                                           |          |              |                                                  |              |          |                |              |                                                  | П                        |
|          | 33                                           |          | t            |                                                  |              |          |                | <u> </u>     |                                                  |                          |
|          | 34                                           |          | T            |                                                  |              | _        |                | <b>-</b>     | <b></b>                                          |                          |
|          | 35                                           |          | t            | $\vdash$                                         | $\vdash$     |          |                |              |                                                  | Н                        |
|          | 36                                           | T        | t            | $\vdash$                                         | $\vdash$     |          | $\vdash$       |              |                                                  | Н                        |
|          | 37                                           |          | t            |                                                  | $\vdash$     |          | $\vdash$       |              |                                                  | $\vdash$                 |
|          | 38                                           |          | <del> </del> | <del>                                     </del> | $\vdash$     | $\vdash$ | -              | -            |                                                  | $\vdash$                 |
|          | 39                                           |          | t            | $\vdash$                                         | $\vdash$     |          |                |              |                                                  | Н                        |
|          | 40                                           | $\vdash$ | $\vdash$     |                                                  | $\vdash$     | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$                                         | ${oldsymbol{	extrm{H}}}$ |
|          | 41                                           | ┢        | ╁            | $\vdash$                                         | $\vdash$     | $\vdash$ | $\vdash$       | <del> </del> | -                                                | $\vdash \vdash$          |
|          | 42                                           | $\vdash$ | ├            | -                                                | -            |          | $\vdash$       | $\vdash$     | $\vdash$                                         | $\vdash \dashv$          |
|          | 43                                           | -        | $\vdash$     | $\vdash$                                         | <del> </del> | $\vdash$ | -              | -            | -                                                | $\vdash$                 |
|          | 44                                           | ├        | +-           | $\vdash$                                         | <del> </del> |          | -              | $\vdash$     | -                                                | $\vdash\vdash$           |
| <u> </u> | 45                                           | -        | ₩            | $\vdash$                                         | $\vdash$     | <u> </u> | <b> </b>       | -            | <del> </del>                                     | Н                        |
|          |                                              |          | ⊢            | ├-                                               | <u> </u>     | _        | $\vdash$       | $\vdash$     | <u> </u>                                         | $\vdash\vdash$           |
|          | 46                                           | ├        | ₩            | $\vdash$                                         |              | <u> </u> | <u> </u>       | ⊢-           | $\vdash$                                         | Н                        |
|          | 47                                           | -        | ⊢            | $\vdash$                                         | $\vdash$     | <u> </u> | <u> </u>       | <u> </u>     | <b>-</b>                                         | Н                        |
|          | 48                                           | <u> </u> | ₽            | $\vdash$                                         | _            | <u> </u> | <b> </b>       | <u> </u>     | <u> </u>                                         | Щ                        |
|          | 49                                           | <u> </u> | <u> </u>     |                                                  | $oxed{\Box}$ | L_:      | ļ              | <u> </u>     | <u> </u>                                         | Щ                        |
|          | 50                                           | ı        | ı            | 1                                                |              |          |                |              | 1                                                | ı I                      |

| Cla         | aim            | <u> </u>     |              |                                                  | (        | Date     | e        |                |              |          |
|-------------|----------------|--------------|--------------|--------------------------------------------------|----------|----------|----------|----------------|--------------|----------|
|             |                |              |              |                                                  |          |          |          |                |              |          |
| <del></del> | Originat       |              |              |                                                  |          |          |          |                |              |          |
| Final       | 5              |              | ł            |                                                  |          |          |          | l              |              | 1        |
| ш.          | 1 5            |              |              |                                                  |          |          |          |                |              |          |
|             | 1              |              | ·            |                                                  |          |          |          |                |              | L.       |
|             | 51             |              |              |                                                  |          |          |          |                |              |          |
|             | 52             | _            | $\vdash$     | _                                                | $\vdash$ | _        |          |                |              | $\vdash$ |
| }           | 51<br>52<br>53 | ┢            | $\vdash$     | ┢                                                | $\vdash$ | -        | -        | ┝              |              | -        |
|             | 53             | <u> </u>     | -            | _                                                |          | -        | -        | ├—             | ├—           |          |
| <u> </u>    | 54<br>55       | _            |              |                                                  | L.       | _        | ļ        |                |              | L.       |
|             | 55             |              |              |                                                  |          |          |          |                |              | Ц.       |
| 1           | 56             |              |              |                                                  |          |          |          |                |              |          |
|             | 57             |              |              |                                                  |          |          |          |                |              |          |
|             | 58             |              | <b>-</b>     |                                                  | $\vdash$ | $\vdash$ |          |                |              |          |
| -           | 59             | -            | $\vdash$     | -                                                | $\vdash$ |          | -        | -              | -            | _        |
|             | 39             | ⊢            |              |                                                  |          | ⊢        | -        | ├—             | -            |          |
| <u> </u>    | 60             | _            | _            | _                                                | <u> </u> | <u> </u> | <u> </u> |                | _            |          |
|             | 61             |              |              |                                                  |          | L        |          | <u> </u>       |              | <u> </u> |
|             | 62             |              |              |                                                  |          |          |          |                |              |          |
|             | 62<br>63       |              |              |                                                  |          | Г        |          |                |              |          |
|             | 64             |              |              |                                                  | $\vdash$ | $\vdash$ |          |                |              |          |
| -           | 65             | $\vdash$     | $\vdash$     | $\vdash$                                         | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$ |
| -           | 00             | $\vdash$     | _            | $\vdash$                                         | -        | $\vdash$ | <u> </u> | <u> </u>       | <u> </u>     | -        |
|             | 66             | <u> </u>     | <u> </u>     | L                                                | L        | <u> </u> | _        | <u> </u>       | <u> </u>     | L        |
|             | 67             |              |              |                                                  |          |          |          |                |              |          |
|             | 68             |              | Ι.           |                                                  |          |          |          |                |              |          |
|             | 69             |              |              |                                                  |          |          |          |                |              |          |
|             | 70             | $\vdash$     | _            | _                                                | _        | ├        |          |                | -            | _        |
|             | 71             | -            |              |                                                  | -        |          |          | ├─             | ├            |          |
|             |                | _            |              |                                                  |          | _        |          | <u> </u>       |              | L        |
| <u> </u>    | 72             |              | L.,          |                                                  | ļ        |          |          |                | _            |          |
| <u> </u>    | 73             |              |              |                                                  |          |          |          |                |              |          |
|             | 74             |              |              |                                                  |          |          |          |                |              |          |
|             | 75             |              |              |                                                  |          | _        |          |                | Г            |          |
|             | 76             |              |              | _                                                |          | $\vdash$ | _        | $\vdash$       | $\vdash$     | _        |
| <b>—</b>    | 76<br>77       | _            | -            | <del> </del>                                     | -        | ⊢        | -        |                | ┢            | -        |
|             | 70             | _            | <del> </del> | <del> </del>                                     |          | ⊢        | <u> </u> | -              | ┝            | -        |
|             | 78             |              | _            | <u> </u>                                         |          | <u> </u> |          | ļ              | ļ            | <u> </u> |
|             | 79             |              |              |                                                  |          | L.       | L_       |                | L            | Ľ        |
| L           | 80             | ١.           |              |                                                  |          | L        |          |                |              |          |
|             | 81             |              |              |                                                  |          |          |          |                |              | -        |
|             | 81<br>82       |              |              | Г                                                |          |          |          |                |              |          |
|             | 83             |              | _            | <del>                                     </del> |          | ┢        | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$ |
|             | 84             | <del> </del> | $\vdash$     | $\vdash$                                         | _        | $\vdash$ | $\vdash$ | -              | -            | $\vdash$ |
| $\vdash$    |                | <u> </u>     | $\vdash$     | $\vdash$                                         | <u> </u> | <u> </u> | $\vdash$ | <u> </u>       | ├-           | <u> </u> |
| $\vdash$    | 85             | <u> </u>     |              | <u> </u>                                         | _        | <u> </u> | <u> </u> |                | <u> </u>     |          |
|             | 86             |              | Ĺ            | <u> </u>                                         |          | <u> </u> |          |                |              |          |
| L           | 87             | L            | L            | L                                                | L        | L        | L        |                |              |          |
|             | 88             |              |              |                                                  |          |          | Π        |                |              |          |
|             | 89             |              |              |                                                  |          | Г        |          |                | m            |          |
|             | 90             | $\vdash$     |              | $\vdash$                                         | $\vdash$ | -        |          | <del>  -</del> | $\vdash$     | -        |
| $\vdash$    |                | -            |              | -                                                | —        | _        | H        |                | -            | $\vdash$ |
| -           | 91             |              | -            | <u> </u>                                         | <u> </u> | <u> </u> | H        | Щ.             | $\vdash$     | Ь.       |
| <u> </u>    | 92             | _            | _            |                                                  | L        | L        | L.       |                | $oxed{oxed}$ |          |
|             | 93             | L            |              | L                                                |          | L        |          |                |              |          |
|             | 94             |              |              |                                                  |          |          |          |                |              |          |
|             | 95             |              |              |                                                  |          |          |          |                |              |          |
|             | 96             | -            |              | Н                                                | _        | $\vdash$ |          | $\vdash$       |              | _        |
| -           | 97             | $\vdash$     | H            | $\vdash$                                         | —        | -        | $\vdash$ | $\vdash$       | $\vdash$     | _        |
|             | 3/             | $\vdash$     | H            | $\vdash$                                         | <u> </u> | -        | $\vdash$ | Ь.             | $\vdash$     |          |
|             | 98             |              | Ь_           | _                                                | _        | L        | <u> </u> | L.,            | Ш            |          |
|             | 99             |              |              |                                                  |          |          |          |                |              |          |
|             | 100            |              |              |                                                  | ÷        |          |          |                |              |          |

| CI        | aim                                           | Date         |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|-----------|-----------------------------------------------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|--------------------------------------------------|----------|----------|
|           | ŀ                                             |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
| Final     | Original                                      |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 101                                           |              |              | -                                                |                                                  |                                                  |          |                                                  | $\vdash$ | H        |
|           | 102                                           |              |              | <del>                                     </del> |                                                  |                                                  | Г        | $\vdash$                                         |          | П        |
|           | 101<br>102<br>103                             |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 104                                           |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 105                                           |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 104<br>105<br>106                             |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 107<br>108                                    |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 108                                           | _            | _            | _                                                |                                                  |                                                  | _        | _                                                | _        |          |
|           | 109<br>110                                    |              | _            | <u> </u>                                         | _                                                |                                                  | L        | _                                                | _        |          |
|           | 110                                           |              | ļ            | <u> </u>                                         | <u> </u>                                         |                                                  | L        | <u> </u>                                         | _        | Щ        |
|           | 111                                           |              | _            | <u> </u>                                         | _                                                |                                                  |          | _                                                | <u> </u> |          |
|           | 112                                           | _            | _            | <u> </u>                                         | _                                                | _                                                |          |                                                  | _        |          |
| <u> </u>  | 112<br>113<br>114<br>115<br>116               | <u> </u>     | <u> </u>     | _                                                | <u> </u>                                         | <u> </u>                                         | _        | ⊢                                                | $\vdash$ | Щ        |
|           | 114                                           | <u> </u>     | <u> </u>     | $\vdash$                                         | _                                                |                                                  | $\vdash$ | _                                                | $\vdash$ | Н        |
|           | 115                                           | _            | ⊢            | <u> </u>                                         |                                                  |                                                  |          | -                                                | _        | Н        |
| <b></b> - | 110                                           | <del> </del> | <del> </del> | ┝                                                | $\vdash$                                         | _                                                |          | $\vdash$                                         | $\vdash$ | Н        |
|           | 117<br>118<br>119                             | -            | _            | $\vdash$                                         | $\vdash$                                         |                                                  |          | ⊢                                                | $\vdash$ | Н        |
|           | 110                                           | $\vdash$     | -            | $\vdash$                                         | $\vdash$                                         | -                                                |          | ⊢                                                | H        | $\vdash$ |
|           | 120                                           | ┢            | <del> </del> | ├                                                | -                                                |                                                  |          | $\vdash$                                         |          | Н        |
|           | 120<br>121<br>122                             | $\vdash$     | <u> </u>     | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         |          | $\vdash$                                         | $\vdash$ | Н        |
|           | 122                                           | -            |              | $\vdash$                                         |                                                  |                                                  |          | <del>                                     </del> |          |          |
|           | 123                                           | $\vdash$     | -            |                                                  | -                                                | $\vdash$                                         |          | _                                                | $\vdash$ |          |
|           | 124                                           | -            |              | -                                                | -                                                | $\vdash$                                         | _        | $\vdash$                                         | _        | М        |
|           | 125                                           |              |              |                                                  |                                                  | _                                                |          | $\vdash$                                         | $\vdash$ | П        |
|           | 126                                           |              |              |                                                  |                                                  |                                                  | -        |                                                  |          |          |
|           | 127                                           |              |              |                                                  |                                                  |                                                  |          |                                                  | Г        |          |
|           | 128                                           |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 123<br>124<br>125<br>126<br>127<br>128<br>129 |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 130                                           |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 131<br>132                                    |              |              |                                                  |                                                  |                                                  |          |                                                  |          |          |
|           | 132                                           |              |              | <u> </u>                                         | 匚                                                | <u> </u>                                         | L        | L                                                |          |          |
|           | 133                                           |              |              | <u> </u>                                         | _                                                | _                                                | _        | ļ.,                                              |          |          |
| L         | 134<br>135                                    | <u> </u>     | _            | <u> </u>                                         | <u> </u>                                         | Ŀ                                                | <u> </u> | <u> </u>                                         | <u> </u> | Щ        |
| L         | 135                                           | <u> </u>     | Ŀ            | <u> </u>                                         | $\vdash$                                         | <u> </u>                                         | <u> </u> | <u> </u>                                         | <u> </u> | Щ        |
|           | 136                                           | <u> </u>     | <u> </u>     | _                                                | $\vdash$                                         | <u> </u>                                         | <u> </u> | <u> </u>                                         | <u> </u> | Щ        |
|           | 137<br>138                                    | ļ            |              | ⊢-                                               | -                                                |                                                  | <u> </u> | <b>├</b> ─                                       | ├        | $\vdash$ |
| -         | 138                                           | H            |              | -                                                | -                                                |                                                  | <u> </u> | -                                                | $\vdash$ | -        |
| -         | 139<br>140                                    | $\vdash$     |              |                                                  | -                                                | <u> </u>                                         | -        | <u> </u>                                         | $\vdash$ | $\vdash$ |
|           | 141                                           | -            | $\vdash$     | _                                                | $\vdash$                                         | ⊢                                                | -        |                                                  | $\vdash$ | Н        |
|           | 142                                           | $\vdash$     | H            | -                                                | -                                                | -                                                | $\vdash$ | -                                                |          | Н        |
|           | 143                                           | -            | <b></b> -    |                                                  | -                                                | H                                                | _        |                                                  | H        | Н        |
|           | 144                                           | -            |              |                                                  | Н                                                | H                                                | ŀ        |                                                  | -        | H        |
|           | 145                                           |              | H            | -                                                | <del>                                     </del> | <del>                                     </del> |          | -                                                | $\vdash$ | Н        |
|           | 146                                           |              | -            |                                                  | Н                                                | Н                                                | H        | -                                                | <u> </u> | Н        |
|           | 147                                           | М            | $\vdash$     |                                                  | Н                                                | Н                                                | H        | _                                                |          | Н        |
| -         | 148                                           | П            | Т            |                                                  |                                                  |                                                  | $\vdash$ |                                                  |          | Н        |
|           | 149                                           |              | Г            |                                                  | Т                                                |                                                  | Г        |                                                  |          | М        |
|           | 150                                           |              |              |                                                  |                                                  |                                                  |          |                                                  |          | П        |